

SEQUENCE LISTING

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TU, Guang-Chou
ISRAEL, Yedy

<120> METHODS OF INHIBITING ALCOHOL CONSUMPTION

<130> 9855-3U2

<140> NOT YET ASSIGNED

<141> 2001-08-17

<150> US 60/051,705

<151> 1997-07-03

<150> US 09/109,663

<151> 1998-07-02

<160> 111

<170> PatentIn Ver. 2.1

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TNF(alpha) ASO

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TNF(alpha) ASO

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TNF(alpha) ASO

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TNF(alpha) ASO

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TNF(alpha) ASO

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TNF(alpha) ASO

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agtgagttcc gaaagcccat t

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<210> 9
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TNF(alpha) ASO

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TNF(alpha) ASO

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<210> 22

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<210> 24

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<210> 25

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TNF(alpha) ASO

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<210> 27
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TNF(alpha) ASO

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TNF(alpha) ASO

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TNF(alpha) ASO

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<210> 30

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TNF(alpha) ASO

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<210> 31

<211> 19

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TNF(alpha) ASO

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<210> 32

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TNF(alpha) ASO

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TNF(alpha) ASO

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<400> 34

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effective ASO

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<210> 36

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Known
effective ASO

<400> 36

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<210> 37

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Known
effective ASO

<400> 37

ccccaccac ttccctctc a

21

<210> 38

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 38

tagacgataa aggggtcaga g

21

<210> 39

<211> 21

<212> DNA

<213> Artificial Sequence

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TNF(alpha) ASO

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<210> 40

<211> 19

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

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<210> 41

<211> 20

<212> DNA

<213> Artificial Sequence

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TNF(alpha) ASO

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<210> 42

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

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<210> 43
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TNF(alpha) ASO

<400> 43
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<210> 44
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TNF(alpha) ASO

<400> 44
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21

<210> 45
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<212> DNA
<213> Artificial Sequence

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TNF(alpha) ASO

<400> 45
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21

<210> 46
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TNF(alpha) ASO

<400> 46

cctctttccc ttaccctcct g

21

<210> 47

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 47

ggtctccctc cccaactctc c

21

<210> 48

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

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cttcttccct gttccctgg c

21

<210> 49

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 49

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21

<210> 50

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 50

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21

<210> 51

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 51

gaagcctccc cgctctttgc c

21

<210> 52

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 52

aaagctttaa gtcccccgcc c

21

<210> 53

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 53

cctattccct ttccctcccaa a

21

<210> 54
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<212> DNA
<213> Artificial Sequence

<220>
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TNF(alpha) ASO

<400> 54
cccttaggtt tcccagcaag c

21

<210> 55
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<212> DNA
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<220>
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TNF(alpha) ASO

<400> 55
ctggtctttc cacgtcccat t

21

<210> 56
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<212> DNA
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<220>
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TNF(alpha) ASO

<400> 56
gcagccttgt cccttgaaga g

21

<210> 57
<211> 21
<212> DNA
<213> Artificial Sequence

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TNF(alpha) ASO

<400> 57
cttgagotca gctccctcag g

21

<210> 58
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TNF(alpha) ASO

<400> 58
gctggaagac tcttcccagg t

21

<210> 59
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TNF(alpha) ASO

<400> 59
gctgagcagg tcccccttct c

21

<210> 60
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TNF(alpha) ASO

<400> 60
agagccacaa ttccctttct a

21

<210> 61
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 61

gcctgaagac agcttcccaa c

21

<210> 62

<211> 19

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<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 62

cagtcacggc tcccgtaggg

19

<210> 63

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 63

gggaaattcc caggaccagg g

21

<210> 64

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 64

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21

<210> 65

<211> 21
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<223> Description of Artificial Sequence: Candidate
TNF(alpha) ASO

<400> 65
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21

<210> 66
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<223> Description of Artificial Sequence: Known
effective ASO

<400> 66
cagccatggt tccccccaac

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<210> 67
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<223> Description of Artificial Sequence: Known
effective ASO

<400> 67
ttccccagat gcacctgttt

20

<210> 68
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Known
effective ASO

<400> 68

gacatccctt tccccctcgg

20

<210> 69

<211> 16

<212> DNA

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<223> Description of Artificial Sequence: Known
effective ASO

<400> 69

gatccccggg taccga

16

<210> 70

<211> 20

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effective ASO

<400> 70

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<210> 71

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effective ASO

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<210> 72

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<400> 72

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<210> 73

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effective ASO

<400> 73

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21

<210> 74

<211> 18

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<223> Description of Artificial Sequence: Known
effective ASO

<400> 74

gtcccaagag ttgaggag

18

<210> 75

<211> 20

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effective ASO

<400> 75

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20

<210> 76

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effective ASO

<400> 76
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<210> 77
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effective ASO

<400> 77
ccatcccgac ctcgcgt 18

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effective ASO

<400> 78
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<210> 79
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effective ASO

<400> 79
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<210> 80
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effective ASO

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<220>
<223> Description of Artificial Sequence: Control
oligonucleotide

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<210> 98
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ASO-9

<400> 98
tcctccttggt tcccttcggc t 21

<210> 99
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Control
oligonucleotide

<400> 99
cgtcttcact tccgtgtagg c 21

<210> 100
<211> 21
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 2-base
mismatch of ASO-9

<400> 100

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21

<210> 101

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 3-base
mismatch of ASO-9

<400> 101

ttctcggttgt tgcgcatcggc t

21

<210> 102

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 4-base
mismatch of ASO-9

<400> 102

ttcacgttgt acgcatcggc t

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<210> 103

<400> 103

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<210> 104

<400> 104

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<210> 105

<400> 105

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<210> 106

<400> 106

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<210> 107

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Complement of
ASO-9

<400> 107

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<210> 108

<211> 1889

<212> DNA

<213> Rattus norvegicus

<400> 108

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<210> 109

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Complement of
human anti-ALDH2 ASO

<400> 109

agctgaagg gacaaggaag a

21

<210> 110

<211> 1989

<212> DNA

<213> Homo sapiens

<400> 110

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<210> 111

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Human
anti-ALDH2 ASO

<400> 111

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21